ABSTRACT

In a data recording method and a data recording apparatus relating to the present invention, ECC blocks using 36 product codes are recorded on 12 tracks through scanning operations performed three times. First of all, first sync-blocks each constituted by adding a C1 parity to the data string of video data constituting an internal encoding calculation data stream are sequentially recorded. When the first sync-blocks are completely recorded, second sync-blocks each constituted by adding the C1 parity to the data string of C2 parity constituting the internal encoding calculation data stream are sequentially recorded. By recording the C2 parity at one time in a later stage, the system delay can be minimized.